Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071217\
Data File : BM010797.D
Acq On : 12 Jul 2017 12:30
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC050

Quant Time: Jul 12 14:01:53 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 13:55:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	232439	20.00	ng		0.00
21) Naphthalene-d8	10.21	136	856613	20.00	ng		0.00
38) Acenaphthene-d10	14.10	164	533774	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	1318110	20.00	ng		0.00
75) Chrysene-d12	21.07	240	1479715	20.00	ng		0.00
86) Perylene-d12	23.20	264	1365806	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	1413366	109.81	ng		0.00
7) Phenol-d6	6.64	99	1913760	115.55	ng		0.00
23) Nitrobenzene-d5	8.60	82	2334269	147.02	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	871387	107.49	ng		0.00
44) 2-Fluorobiphenyl	12.71	172	4513079	108.69	ng		0.00
78) Terphenyl-d14	19.51	244	7874469	121.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	305048	51.580	ng	#	100
3) Pyridine	3.46	79	846947	53.496	ng		91
4) n-Nitrosodimethylamine	3.39	42	416982	72.818	ng	#	73
6) Aniline	6.79	93	1200213	58.486	ng		95
8) 2-Chlorophenol	7.02	128	695726	49.679	ng		89
9) Benzaldehyde	6.60	77	636381	61.723	ng		86
10) Phenol	6.67	94	1053023	60.330	ng		94
11) bis(2-Chloroethyl)ether	6.89	93	770464	59.218	ng		95
12) 1,3-Dichlorobenzene	7.34	146	839094	47.150	ng	#	83
13) 1,4-Dichlorobenzene	7.48	146	854935	46.766	ng	#	91
14) 1,2-Dichlorobenzene	7.79	146	806631	45.967	ng	#	90
15) Benzyl Alcohol	7.69	79	899020	71.743	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	7.97	45	657962	51.435	ng		80
17) 2-Methylphenol	7.89	107	660994	53.222	ng	#	82
18) Hexachloroethane	8.50	117	369765	62.396	ng	#	83
19) n-Nitroso-di-n-propylamine	8.26	70	730846	62.517	ng		92
20) 3+4-Methylphenols	8.22	107	911094	54.318	ng		86
22) Acetophenone	8.26	105	1321800	60.196	ng	#	96
24) Nitrobenzene	8.64	77	1177497	71.987	ng		91
25) Isophorone	9.16	82	1864312	67.952	ng	#	88
26) 2-Nitrophenol	9.34	139	414556	60.127	ng	#	39
27) 2,4-Dimethylphenol	9.41	122	699824	56.214	ng	#	72
28) bis(2-Chloroethoxy)methane	9.65	93	1058435	60.789	ng		97
29) 2,4-Dichlorophenol	9.86	162	776492	54.174	ng		92
30) 1,2,4-Trichlorobenzene	10.08	180	954693	51.480	ng		97
31) Naphthalene	10.26	128	2260907	49.339	ng		99
32) Benzoic acid	9.57	122	587293	69.225	ng	#	69
33) 4-Chloroaniline	10.37	127	906084	51.325	ng	#	79
34) Hexachlorobutadiene	10.55	225	742559	60.026	ng		98
35) Caprolactam	11.16	113	211617	51.453	ng	#	90
36) 4-Chloro-3-methylphenol	11.51	107	961977	61.967	ng	#	74
37) 2-Methylnaphthalene	11.88	142	1585387	48.052	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	1245104	60.660	ng	#	100
40) Hexachlorocyclopentadiene	12.25	237	750489	63.324	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	767576	63.489	ng		97
43) 2,4,5-Trichlorophenol	12.58	196	764452	57.224	ng	#	89
45) 1,1'-Biphenyl	12.93	154	2447315	55.753	ng		99
46) 2-Chloronaphthalene	12.96	162	1810560	50.946	ng	#	92
47) 2-Nitroaniline	13.17	65	616010	67.406	ng	#	75
48) Acenaphthylene	13.82	152	2685558	51.104	ng		99
49) Dimethylphthalate	13.57	163	2356663	49.496	ng	#	99
50) 2,6-Dinitrotoluene	13.69	165	496352	54.900	ng	#	64
51) Acenaphthene	14.16	154	1637109	50.113	ng		99
52) 3-Nitroaniline	14.02	138	442668	52.679	ng	#	47
53) 2,4-Dinitrophenol	14.22	184	334592	64.201	ng	#	85
54) Dibenzofuran	14.50	168	2625926	51.117	ng	#	91
55) 4-Nitrophenol	14.33	139	391997	57.966	ng	#	1
56) 2,4-Dinitrotoluene	14.48	165	674958	52.769	ng	#	95
57) Fluorene	15.16	166	2252107	50.415	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.73	232	682218	59.955	ng	#	100
59) Diethylphthalate	14.95	149	2371486	52.680	ng		99
60) 4-Chlorophenyl-phenylether	15.16	204	1353239	53.954	ng		98
61) 4-Nitroaniline	15.19	138	457594	53.643	ng	#	1
62) Azobenzene	15.46	77	2427358	73.333	ng		90
64) 4,6-Dinitro-2-methylphenol	15.25	198	484603	60.180	ng		93
65) n-Nitrosodiphenylamine	15.38	169	1957609	49.554	ng		99
66) 4-Bromophenyl-phenylether	16.06	248	864830	51.253	ng	#	90
67) Hexachlorobenzene	16.16	284	982989	47.949	ng	#	88
68) Atrazine	16.35	200	801399	53.504	ng		97
69) Pentachlorophenol	16.51	266	656321	58.287	ng		97
70) Phenanthrene	16.90	178	3557781	48.242	ng		99
71) Anthracene	16.99	178	3548844	48.490	ng		100
72) Carbazole	17.26	167	3151982	48.643	ng		99
73) Di-n-butylphthalate	17.84	149	3814772	49.654	ng	#	96
74) Fluoranthene	18.93	202	4395323	45.902	ng		98
76) Benzidine	19.13	184	2093489	76.704	ng		99
77) Pyrene	19.29	202	4499658	56.718	ng		100
79) Butylbenzylphthalate	20.22	149	1653385	56.301	ng	#	74
80) Benzo(a)anthracene	21.06	228	4477032	54.899	ng		100
81) 3,3'-Dichlorobenzidine	21.00	252	1817497	55.406	ng	#	96
82) Chrysene	21.11	228	4241884	54.843	ng		100
83) Bis(2-ethylhexyl)phthalate	21.01	149	2395934	54.555	ng		99
84) Di-n-octyl phthalate	21.87	149	3993109	50.785	ng		99
85) Indeno(1,2,3-cd)pyrene	25.32	276	4993807	44.029	ng	#	100
87) Benzo(b)fluoranthene	22.57	252	4591038	57.436	ng	#	91
88) Benzo(k)fluoranthene	22.62	252	4407712	56.283	ng	#	95
89) Benzo(a)pyrene	23.11	252	4203962	55.192	ng	#	95
90) Dibenzo(a,h)anthracene	25.33	278	4051669	47.569	ng	#	92
91) Benzo(g,h,i)perylene	25.95	276	3956301	47.404	ng	#	86

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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